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|-------------------|----------------------|-----------------|
| SPEC. INFO | FL-CC3524-5MX | K66786-S001-B13 |
| | | July. 16. 2019 |

1. Model FL-CC3524-5MX
2. Application For 2/3 Format Camera

3. Specification

3-1. Physical (As per the attached drawing)

- (1) Dimensions $\phi 33.0 \text{ mm} \times 65.5 \text{ mm}$
- (2) Weight 100 g
- (3) Mount C-Mount (1 - 32 UN - 2A)
- (4) Filter Screw Size M30.5 mm , P = 0.5 mm

3-2. Optical

- (1) Focal Length 35 mm $\pm 5\%$
- (2) Max. Aperture Ratio 1: 2.4
- (3) Iris Range F / 2.4 to F /16
- (4) Angle of View
 Diagonal 17.8°
 Horizontal 14.3°
 Vertical 10.8°
- (5) Picture format 8.8 mm \times 6.6 mm
- (6) Focusing Range Inf. to 0.1 m
- (7) Back Focal Length 14.35mm (in air)
- (8) Flange Back Length 17.526 mm \pm 0.05 mm (in air)

3-3. Mechanical

- (1) Focusing Mechanism
 Rotation Angle 158°
 Rotation Torque 1.0N·cm to 9.0 N·cm
 Focus Ring can be fixed at any positions by
 3 fixing screws or 1 thumb screw (refer to external view)
- (2) Iris Mechanism
 Non-click
 Rotation Angle 71.5°
 Rotation Torque 0.01N·cm to 5.0 N·cm
 Iris Ring can be fixed at any positions by 3 fixing screws
 or 1 thumb screw (refer to external view)

3-4. Vibration & Shock Test Standard

(1) Vibration Conditions

| | |
|-----------------------|--|
| Wave | Sine Wave |
| Acceleration | 1.96 m/s ² to 59.78 m/s ² |
| Cycle Range | 10 Hz to 55 Hz |
| Cycle Period | 3 Minutes |
| Duration of Vibration | 120 Minutes Respectively in Three Dimensional Directions |

(2) Shock Conditions

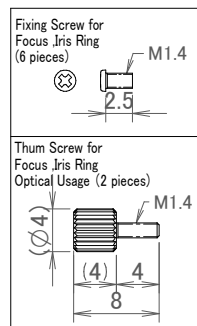
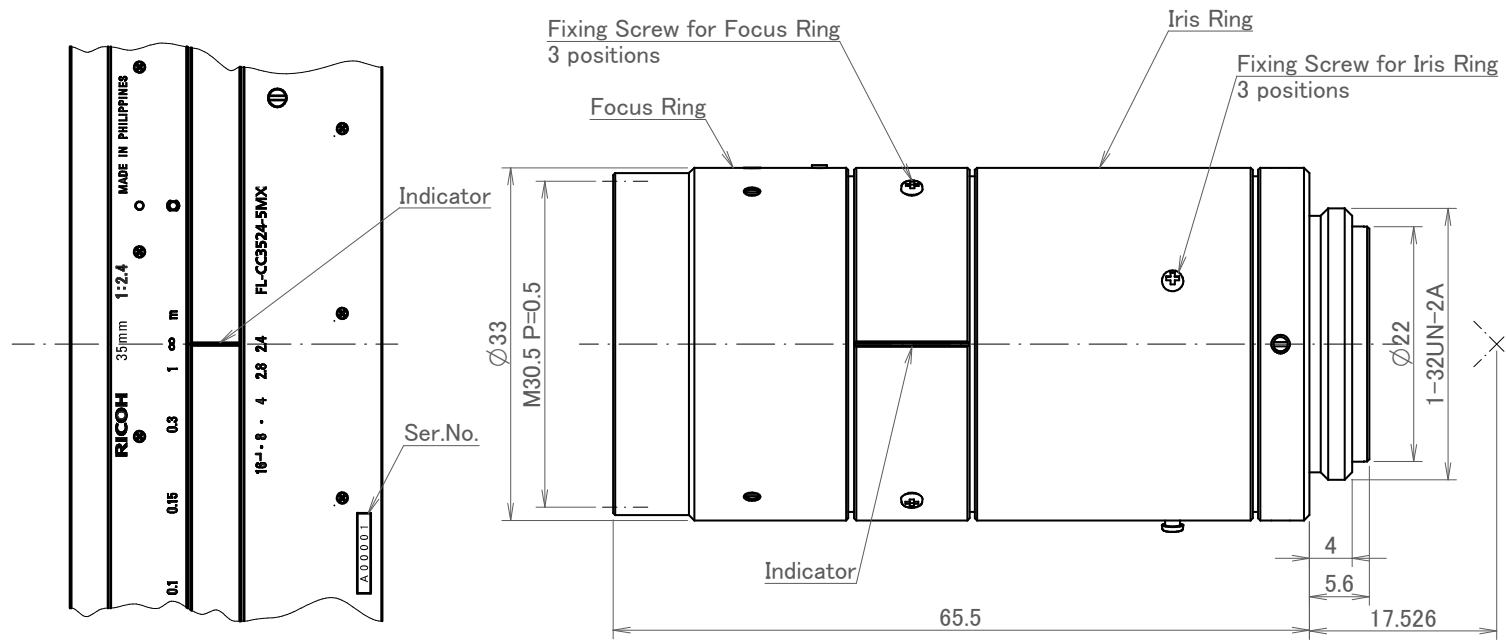
| | |
|------------------------------|---|
| Tester | Shock Testing Machine by Dropping |
| Impact Force | 588 m/s ² |
| Duration of Shock | 3.5 ms |
| Directions & Number of Times | 1 Time Respectively in Three Dimensional Directions |

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3-5. Environmental Temperature Range -10°C to +50°C

4. Accessories

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|---------------------------------------|----------|----------------------|
| (1) Front Lens Cap | 1 piece | |
| (2) Rear Lens Cap | 1 piece | |
| (3) Fixing Screw for Focus ,Iris Ring | 6 pieces | |
| (4) Thumbscrew for Focus ,Iris Ring | 2 pieces | (for Optional Usage) |
| (5) Packing Box | 1 pieces | |



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| SPEC.INFO | FL-CC3524-5MX |
| | K66786-S001-B33 |
| RICOH Industrial Solutions Inc. July.01.2019 | |